Amendments to the Specification

Please replace the paragraphs on p. 17, lines 1-4 of the Specification ("The EVF . . . formula (1)") with the following paragraph and equation.

The EVF might therefore be a function of (at least) vector X ($\vec{x}$) and vector mu ($\vec{\mu}$) as shown by the following:

$$\text{Expected Value Funtion} = \text{EV}(\vec{x}, \vec{\mu}) \tag{1}$$

Please replace the paragraph on p. 17, line 10 of the Specification ("formula (7)") with the following equation.

$$f(x_1, x_2) = x_1 + x_2 \tag{2}$$

Please replace the paragraph on p. 17, line 12 of the Specification ("formula (8)") with the following equation.

$$f(x_1, x_2) = x_1 \bullet x_2 \tag{3}$$

Please replace the paragraph on p. 18, line 16 of the Specification ("formula (2)") with the following equation.

$$\vec{z} = T^{-1}(\vec{x} - \vec{\mu}) \tag{4}$$

Please replace the paragraph on p. 18, line 19 of the Specification ("formula (3)") with the following equation.

$$\mathrm{EV} = \sum_{i=1}^{N} f_i(z_i) - \sum_{j=1}^{M} g_j(d_j) \tag{5}$$

Please replace the paragraph on p. 19, line 16 of the Specification ("formula (4)") with the following equation.

$$d_j = h_j(z_k) \tag{6}$$

Please replace the paragraph on p. 21, line 6 of the Specification ("formula (5)") with the following equation.

$$\mathrm{MAX}\, F_1 = f_1(z_1) - g_1(d_1) - g_2(d_2) \tag{7}$$

Please replace the paragraph on p. 21, line 10 of the Specification ("formula (5.5)") with the following equation.

$$\mathrm{MAX}\, F_1 = f_1(z_1) - g_1(h_1(z_1)) - g_2(h_2(z_1)) \tag{8}$$

Please replace the paragraph on p. 21, line 12 of the Specification ("formula (6)") with the following equation.

$$\mathrm{MAX}\, F_2 = f_2(z_2) - g_3(d_3) \tag{9}$$

Please replace the paragraph on p. 21, line 15 of the Specification ("formula (6.5)") with the following equation.

$$\text{MAX}\, F_2 = f_2(z_2) - g_3(h_3(z_2)) \tag{10}$$

Please replace the paragraph on p. 22, line 5 of the Specification ("formula (11)") with the following equation.

$$F_1(z_1) = f_1(z_1) - g_1(d_1) \tag{11}$$

Please replace the paragraph on p. 22, line 12 of the Specification ("formula (13)") with the following equation.

$$F_1 \rightarrow F_1 - g_2(d_2) \tag{12}$$

Please replace the paragraph on p. 22, line 18 of the Specification ("formula (14)") with the following equation.

$$F_2(z_2) = f_2(z_2) - g_2(d_2) \tag{13}$$

Please replace the paragraph on p. 22, line 22 of the Specification ("formula (15)") with the following equation.

$$F_2 \rightarrow F_2 - g_3(d_3) \tag{14}$$

Please replace the paragraph on p. 25, line 12 of the Specification ("formula (9)") with the following equation.

$$z_1 = h_1(d_2) \tag{15}$$

Please replace the paragraph on p. 25, line 14 of the Specification ("formula (10)") with the following equation.

$$z_2 = h_2(d_2) \Rightarrow d_2 = h_2^{-1}(z_2) \tag{16}$$

Please replace the paragraph on p. 25, line 17 of the Specification ("formula (10.5)") with the following equation.

$$z_1 = h_1(h_2^{-1}(z_2)) \tag{17}$$

Please delete the one-page appendix labeled "Appendix – Formulas."